

CLAIMS

We claim:

1 1. A valve for a fuel delivery unit, comprising:
2 a housing having a valve seat;
3 a closing part arranged in said housing and movable against said valve seat;
4 a counterholder connected to said housing; and
5 a spring supported on said counterholder and arranged for prestressing said
6 closing part relative to said valve seat, wherein said counterholder comprises a ball having a
7 diameter that is larger than a diameter of said closing part and a diameter of said spring.

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1 2. The valve of claim 1, wherein said counterholder is pressed into and held in
2 said housing.

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1 3. The valve of claim 1, wherein said housing comprises latching means for
2 supporting said counterholder in said housing.

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1 4. The valve of claim 3, wherein said latching means comprise regions facing
2 said counterholder, said regions being pan-shaped.

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1 5. The valve of claim 1, wherein regions of said housing facing said
2 counterholder are pan-shaped.

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1 6. The valve of claim 1, wherein said housing comprises openings arranged
2 between said closing part and said counterholder.

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1 7. A valve for a fuel delivery unit, comprising:
2 a housing having a valve seat;
3 a closing part movable against said valve seat;
4 a spring arranged in said housing for prestressing said closing part relative to
5 said valve seat, said spring having smaller dimensions than said closing part; and
6 latching means arranged on said housing for gripping said closing part from
7 behind, said latching means having a bearing region, wherein said spring is arranged for
8 prestressing said closing part against said bearing region.

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1 8. The valve of claim 7, wherein said latching means comprise hook-shaped
2 elements.

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1 9. The valve of claim 7, wherein a side of said latching means facing said
2 closing part comprises guide edges for said closing part.

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1 10. The valve of claim 7, wherein said latching means are an integral part of
2 said housing.

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1 11. The valve of claim 7, wherein said latching means comprise ends pointing
2 away from said housing comprising introducing slopes for said closing part.

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1 12. The valve of claim 7, further comprising a plurality of latching means
2 distributed around a circumference of said closing part.

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1 13. The valve of claim 12, further comprising a cover arranged between each
2 adjacent pair of said plural latching means at a distance therefrom.

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1 14. A valve for a fuel delivery unit, comprising:
2 a housing having a valve seat;
3 a closing part movable against said valve seat;
4 a counterholder comprising a ball inserted in said housing;

5 a spring arranged in said housing and supported against said support for
6 prestressing said closing part relative to said valve seat, said ball having an outermost
7 circumference covering said spring and said closing part arranged therebelow such that no part
8 of said spring and closing part projects beyond an area defined by said circumference.